

Significance level = α

Degrees of Freedom	.005 (1-tail) .01 (2-tails)	.01 (1-tail) .02 (2-tails)	.025 (1-tail) .05 (2-tails)	.05 (1-tail) .10 (2-tails)	.10 (1-tail) .20 (2-tails)	.50 (1-tail) 1.00 (2-tails)
1	63.657	31.821	12.706	6.314	3.078	1.000
2	9.925	6.965	4.303	2.920	1.886	.818
3	5.841	4.541	3.182	2.353	1.638	.683
4	4.604	3.747	2.776	2.132	1.533	.641
5	4.032	3.365	2.571	2.015	1.476	.609
6	3.707	3.143	2.447	1.943	1.440	.584
7	3.500	2.998	2.365	1.895	1.415	.564
8	3.355	2.896	2.306	1.860	1.397	.548
9	3.250	2.821	2.262	1.833	1.383	.534
10	3.169	2.764	2.228	1.812	1.372	.521
11	3.106	2.718	2.201	1.796	1.363	.510
12	3.054	2.681	2.179	1.782	1.356	.500
13	3.012	2.650	2.160	1.771	1.350	.491
14	2.977	2.625	2.145	1.761	1.345	.483
15	2.947	2.602	2.132	1.753	1.341	.476
16	2.921	2.584	2.120	1.746	1.337	.469
17	2.898	2.567	2.110	1.740	1.333	.463
18	2.878	2.552	2.101	1.734	1.330	.457
19	2.861	2.540	2.093	1.729	1.328	.452
20	2.845	2.528	2.086	1.725	1.325	.447
21	2.831	2.518	2.080	1.721	1.323	.443
22	2.819	2.508	2.074	1.717	1.321	.439
23	2.807	2.500	2.069	1.714	1.320	.436
24	2.797	2.492	2.064	1.711	1.318	.433
25	2.878	2.485	2.060	1.708	1.316	.430
26	2.779	2.479	2.056	1.706	1.315	.428
27	2.771	2.473	2.052	1.703	1.314	.426
28	2.763	2.467	2.048	1.701	1.313	.424
29	2.756	2.462	2.045	1.699	1.311	.422
Large	2.575	2.327	1.960	1.645	1.282	.500